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CITY OF WINNIPEG
HEALTH DEPARTMENT



A N N U A L R E P O R T
of the
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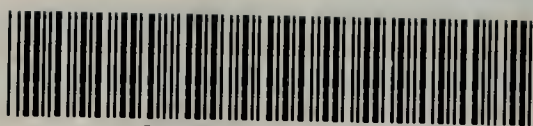
YEAR 1954

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M. S. LOUGHEED, M.D., D.P.H.

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CITY HEALTH DEPARTMENT

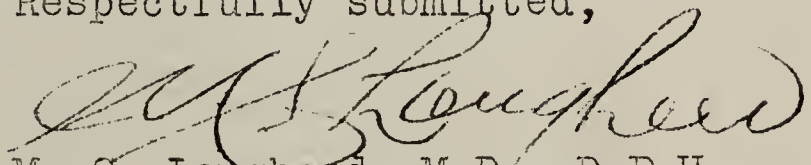
Winnipeg, 1955.

Chairman and Members,
Committee on Health.

Madam and Gentlemen:

I have the honour to present
the annual report for the year of 1954. Recorded
herein are the year's activities of the various
divisions of the Health Department.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'M. S. Loughheed', written in a cursive style.

M. S. Loughheed, M.D., D.P.H.,
Medical Health Officer.

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1954

C O N T E N T S

Committee on Health	1
Child Health Services Board	1
Division of Vital Statistics	
History, Area and Population	2
Vital Statistics, As Registered, 1954	3
Summary of Vital Statistics, Residents, 1954	3
Live Births, Residents, 1954	4-5
Leading Causes of Death, Residents, 1954	6
Deaths to Winnipeg Residents by Cause, Sex and Age	7-11
Infant Deaths, Residents, by Cause, Sex and Age	12-13
Infant Mortality, Residents, by Districts	14
Division of Communicable and Other Diseases	
Home Visits by P.H. Nurses to Cases of Comm. Diseases	15
Medical Care, Hospitalizations	15
Welfare Institutions Report	15
Summary of Immunizations	16-17
Cases and Deaths	18
Sera and Vaccines Distributed	18
Report on Tuberculosis Control, 1954	19-22
Tuberculosis Cases and Deaths	23
Tuberculosis Consultant	24-27
Division of Medical, Dental and Nursing Services	
Victorian Order of Nurses, Summary of Services, 1954	28
Children Examined for Fresh Air Camps	28
Accidents Reviewed	29
Communicable Diseases in School Children	29
Health Inspection of School Children by P.H. Nurses	29
Personal Services to Patients by P.H. Nurses	30
Hospital Health Service Report	30
Results of Cardiac Survey 1953-54	30
Percentage Returns of the 1953-54 Health Check List	31
Oculist's Report	32
Audiometer Tests	32
Division of Child Dental Services Report	32
Child Health Centres	33
Division of Inspections and Laboratory	
Food Inspections	34-35
Dairy Inspections	36
Laboratory	37
Sanitation and Housing	38-39
Report of Public Health Educator	40
Educational and Publicity Program	41
Financial Statement	42-43
Staff as at December, 1954	Cover

COMMITTEE ON HEALTH

Alderman Slaw Rebchuk, Chairman
Alderman Maude J. McCreery
Alderman H. B. Scott
Alderman D. A. Mulligan
Alderman S. Carrick
Alderman G. R. Fines
His Worship Mayor Coulter (ex-officio)

CHILD HEALTH SERVICES BOARD

Dr. J. C. Pincock, Chairman
Mr. S. M. Cherniack
Dr. J. F. Morrison
Dr. M. S. Loughheed
Dr. R. G. Cadham
Dr. W. A. Belden
Miss Lillian MacKenzie
Dr. J. L. Asselstine
Dr. G. M. Stephens
Dr. H. Medovy
Dr. W. C. Lorimer
Mr. H. W. Moore
Dr. T. A. Pincock
Mr. E. Singleton, Honorary Secretary

History

From a Hudson's Bay Company trading post (Fort Garry) in 1870, with a population of 215, Winnipeg has grown to the size and finish of a first-class city of approximately 244,000 people. When the City was incorporated in 1873 there was a population of 1,869.

The present Health Department may be said to date from 1900 when the late Dr. A. J. Douglas was appointed the first full time Health Officer.

From 1881 to 1900 Winnipeg had a series of part time Medical Health Officers.

In 1941 amalgamation with the School Medical Services occurred and the services increased and extended to all child caring institutions in the City without distinction. This applies to Medical, Dental and Nursing Services.

The Child Health Services Board has been set up to help the Department in a consultative manner.

The Department has now several well organized and efficient divisions to carry out the provisions of the Public Health Act of Manitoba, the Health By-law of the City and a number of other City By-laws.

Area and Population

The City covers a total area of 25 square miles -- land 24.27 square miles (15,535 acres), and water .73 square miles (465 acres). The density of the population is 15.6 persons per acre of land.

For statistical purposes the population for 1954 is 244,033, as determined by the Assessment Commissioner. This figure shows an increase of 746 over the 1953 figure of 243,287. However, the natural increase in 1954 (live births less deaths) shows an increase of 3,593.

Vital Statistics As Registered in Winnipeg, 1954

(Including Non-Residents)

	<u>1954</u>	<u>1953</u>
Live Births	8,930	8,393
Deaths	2,787	2,754
Infant Deaths	225	226
Stillbirths	128	119
Puerperal Deaths	5	6

Summary of Vital Statistics, Residents, 1954

		<u>1954</u>	<u>1953</u>
<u>Live Births</u>	Male	3,052	2,871
	Female	2,868	2,715
	Total	5,920	5,586
Rate per 1,000 Population		24.3	23.0
<u>Deaths</u>	Male	1,388	1,345
	Female	939	943
	Total	2,327	2,288
Rate per 1,000 Population		9.6	9.4
Natural Increase		3,592	3,298
<u>Infant Deaths (-1 year)</u>	Male	88	89
	Female	57	77
	Total	145	166
Rate per 1,000 Live Births		24.4	29.7
<u>Stillbirths</u>	Male	41	32
	Female	45	39
	Total	86	71
Rate per 1,000 Live Births		14.5	12.7
<u>Puerperal Deaths</u>		3	5
Rate per 1,000 Live Births		.5	.9

(Population December 30, 1954 - 244,033)

Live Births, Residents Only

During the year 1954, there were 5,920 live births to Winnipeg Residents giving a rate of 24.3 per 1,000 population which is the highest rate ever recorded in the City. During the war years, 1939-1945 birth rates in Winnipeg remained fairly constant but in the years immediately following, birth rates increased considerably to a peak of 23.6 in 1947. In 1948, there was a sharp decline to 20.4 but since that year the rate has increased steadily to the present peak of 24.3 per 1,000 population.

Out of the total of 5,920 live births, 2,366 or 40.0% were the first children of the mother, 1,685 or 28.5% second children, 1,042 or 17.6% third children. In 1954, 5,738 or 96.9% of the births included the fifth child. 99.7% were born in a hospital. Of the 5,920 children born there were 3,052 boys and 2,878 girls giving a ratio of 1,064 boys to 1,000 girls.

Infant Mortality

There were 145 deaths of infants under one year of age in 1954 as compared with 166 in 1953. The infant mortality rate of 24.4 per 1,000 live births was a decided drop from the 1953 rate of 29.7. The lowest rate ever recorded in Winnipeg was in 1951 when a rate of 21.9 per 1,000 live births was reached. A detailed list of the causes of Infant Mortality is on page 12 of this report.

Neo-Natal Mortality

Deaths of infants occurring within the first four weeks of life numbered 95 in 1954 giving a neo-natal mortality rate of 16.0 per 1,000 live births as compared with 129 neo-natal deaths in 1953 giving a rate of 23.1 per 1,000 live births. Neo-natal deaths in 1954 constituted 65.5 percent of the total deaths of infants under one year of age as compared to 77.7% in 1953.

Maternal Mortality

There were 3 maternal deaths during the year 1954 giving a rate of .5 per 1,000 total (live & still) births which is a reduction of 2 from the total of 5 in 1953 with a rate of .9.

Live Births, Residents Only

Year	Number of Births	Rate per 1,000 Population	Infant Deaths	Rate per 1,000 Live Births
1943	4,294	18.9	197	45.9
1944	4,060	17.7	144	35.5
1945	4,210	18.2	134	31.8
1946	5,223	22.6	184	35.2
1947	5,532	23.6	193	34.7
1948	4,779	20.4	153	32.0
1949	4,968	21.2	137	27.6
1950	5,045	21.1	133	26.4
1951	5,254	21.9	115	21.9
1952	5,417	22.5	131	24.2
1953	5,586	23.0	166	29.7
1954	5,920	24.3	145	24.4

Order of Birth by Age of Mother

	15-19 yrs.	20-24 yrs.	25-29 yrs.	30-34 yrs.	35-39 yrs.	40 & over	Total
1st	390	1,064	607	216	68	20	2,365
2nd	72	508	603	352	119	31	1,685
3rd	6	190	350	310	154	32	1,042
4th		37	147	163	90	21	458
5th		11	54	59	43	20	187
6th & over		1	27	67	58	22	175
Total	468	1,811	1,788	1,167	532	146	7 5,920

7 Unknown, included in above total - 8

Leading Causes of Death, 1954, Residents Only

Cause of Death	1954		1953	
	Number of Deaths	% of Total Deaths	Number of Deaths	% of Total Deaths
Heart Diseases (410-443)	876	37.6	817	35.7
Malignant Neoplasms (140-205)	442	19.0	435	19.0
Vascular Lesions Affecting Central Nervous System (330-334)	299	12.9	272	11.9
Malformations and Diseases of Early Infancy (750-776)	112	4.8	140	6.1
Accidents, Poisonings and Violent Deaths (E800-E999)	101	4.3	109	4.8
Pneumonia (490-493)	74	3.2	65	2.8
Acute Poliomyelitis (080)	3	.1	34	1.5
Diabetes Mellitus (260)	30	1.3	25	1.1
Ulcer of stomach and duodenum (540-541)	18	.8	25	1.1
Nephritis and Nephrosis (590-594)	22	.9	24	1.0
Intestinal Obstruction and Hernia (560-561, 570)	14	.6	17	.8
Pulmonary Tuberculosis (002)	17	.7	16	.7
Hypertension without mention of Heart (444-447)	14	.6	16	.7
Cirrhosis of Liver (581)	21	.9	14	.6
Bronchitis (500-502)	9	.4	10	.4
All Other Causes	276	11.9	269	11.8
	2,328	100.0	2,288	100.0

Causes of Death

The following pages give particulars of the number of deaths of Winnipeg residents for the year 1954, classified according to cause, age and sex. The causes of death are coded according to the Sixth revision of the International Lists of Diseases and Causes of Death.

Cause	Male	Female	0 - 28 days	29d. - 1 yr.	1 - 2 yr.	3 - 4 yr.	5 - 14 yr.	15-24 yr.	25-34 yr.	35-44 yr.	45-54 yr.	55-64 yr.	65-69 yr.	70-79 yr.	80-89 yr.	90 yr. +	Total
T.B. of respiratory system (001-008)	15	4							1	1	3	3	2	6	3		19
T.B., other forms (010-019)		1												1			1
Syphilis and its sequelae (020-029)	3										1			2			3
Scarlet Fever and streptococcal sore throat (050-051)		1		1													1
Whooping Cough (056)		1		1													1
Acute Poliomyelitis (080)	1	2					1	1		1							3
Malignant neoplasms, including neoplasms of lymphatic and haematopoietic tissues (140-205)	257	185			3		3	5	8	21	53	97	88	117	42	5	442
Benign and unspecified neoplasms (210-239)	2								1				1				2
Diabetes Mellitus (260)	11	19								2	4	4	11	7	2		30
Anaemias (290-293)	4	4													1		8

Cause	Male	Female	0 - 28 days	29d. - 1 yr.	1 - 2 yr.	3 - 4 yr.	5 - 14 yr.	15-24 yr.	25-34 yr.	35-44 yr.	45-54 yr.	55-64 yr.	65-69 yr.	70-79 yr.	80-89 yr.	90 yrs. & over	Total
Vascular lesions affecting central nervous system (330-334)	149	150						1	2	2	13	36	38	121	71	15	299
Chronic rheumatic heart disease (410-416)	19	17							2	6	7	6	2	12	1		36
Arteriosclerotic and degenerative heart diseases (420-422)	480	234		1					2	9	50	133	122	279	105	13	714
Other diseases of heart (430-434)	20	15		1				1		1		2	5	13	8	4	35
Hypertension with heart disease (440-443)	36	55								1	2	17	8	31	27	5	91
Total Heart Diseases (410-443)	555	321	2					1	4	17	59	158	137	335	141	22	876
Hypertension without mention of heart (444-447)	6	8						1		1	1	2		8	1		14
Influenza (480-483)	1			1													1
Pneumonia (490-493)	48	26	14							1	1	7	5	26	17	3	74

Cause	Male	Female	0 - 28 days	29d. - 1 yr.	1 - 2 yr.	3 - 4 yr.	5 - 14 yr.	15 - 24 yr.	25-34 yr.	35-44 yr.	45-54 yr.	55-64 yr.	65-69 yr.	70-79 yr.	80-89 yr.	90 yrs. +	Total
Bronchitis (500-502)	4	5		4									2	2	1		9
Ulcer of stomach and duodenum (540-541)	15	3							1		3	2	5	6	1		18
Appendicitis (550-553)	1	1												1	1		2
Intestinal obstruction and hernia (560-561, 570)	10	4		1				1				3	3	4	2		14
Gastritis, duodenitis, enteritis and colitis, except diarrhoea of the newborn (543, 571-572)	5	5		4	1						1			3		1	10
Cirrhosis of liver (581)	11	10		1					1	1	2	7	3	3	3		21
Nephritis and nephrosis (590-594)	12	10					1			1	3	1	7	4	5		22
Hyperplasia of prostate (610)	12											1	1	4	5	1	12
Complications of pregnancy, childbirth and the puerperium (640-652, 670-689)		3						1	1	1							3

Cause	Male	Female	0 - 28 days	29d. - 1 yr.	1 - 2 yr.	3 - 4 yr.	5 - 14 yr.	15-24 yr.	25-34 yr.	35-44 yr.	45-54 yr.	55-64 yr.	65-69 yr.	70-79 yr.	80-89 yr.	90 yrs. +	Total
Congenital Malformations (750-759)	22	13	17	13		1	2			1		1					35
Birth Injuries, postnatal asphyxia and atelectasis (760-762)	23	14	35	1	1												37
Infections of the newborn (763-768)	4	3	7														7
Other diseases peculiar to early infancy and immaturity unqualified (769-776)	19	14	30	3													33
Totals, Early Infancy (750-776)	68	44	89	17	1	1	2			1		1					112
Senility without mention of psychosis, ill defined and unknown causes (780-795)	14	20		1						1		1	1	10	14	7	34
All other diseases (residual)	119	77	3	2	4		2	3	3	7	7	29	25	54	37	20	196

Cause	Male	Female	0 - 28 days	29d. - 1 yr.	1 - 2 yr.	3 - 4 yr.	5 - 14 yr.	15-24 yr.	25-34 yr.	35-44 yr.	45-54 yr.	55-64 yr.	65-69 yr.	70-79 yr.	80-89 yr.	90 yrs. & over	Total
<u>Accidents, Poisonings and Violence (External Cause)</u>																	
Motor vehicle accidents (E810-E835)	9	9				1	2	1		3	3	4	2	2			18
All other accidents (E800-E802, E840-E965)	41	20	1	3	3	2	3	4	1	3	8	8	2	16	7		61
Suicide and self-inflicted injury (E970-E979)	12	5						2	5	2	1	3	4				17
Homicide and operations of war (E980-E999)	3	2						1	2			2					5
Total Violent Deaths (E800-E999)	65	36	1	3	3	3	5	8	8	8	12	17	8	18	7		101
GRAND TOTALS	1,388	940	93	52	12	4	15	22	30	66	163	369	338	736	354	74	2,328

INFANT DEATHS, WINNIPEG RESIDENTS, FOR THE YEAR 1954 - BY CAUSE, AGE AND SEX

Code Number	Cause of Death	Total	Male		Female		0 - 7 Days		8 - 14 Days		15-21 Days		22 days - 1 mo.		1 mo. - 1 yr.	
			M	F	M	F	M	F	M	F	M	F	M	F		
751	Spina bifida and meningocele	5	4	1	1	1	1								3	
754	Congenital malformations, circulatory system	17	11	6	4	1	1	2				1			5	3
750,752,753,755-759	All other congenital malformations	8	5	3	3	1	1	1							1	1
760-761	Birth Injuries	13	7	6	6	6	1									
762	Postnatal asphyxia and atelectasis	23	15	8	13	8	1								1	
763	Pneumonia of newborn	4	3	1	1	1	1					1				
764	Diarrhoea of newborn	2	1	1				1	1							
765-768	Other infections of newborn	1		1		1										
770	Haemolytic disease of newborn (Erythroblastosis)	4	2	2	1	1	1								1	
769,771,772	All other defined diseases of early infancy	4	1	3		3								1		
774-776	Immaturity with subsidiary condition or unqualified	25	16	9	14	8					1	1		1		
	All other causes	39	23	16	2	1							3	18	15	
	TOTALS	145	88	57	45	32	5	4	3	1	5		30	20		

Details of Infant Deaths Listed in "All other causes" for 1954, Residents

No.	Cause of Death	Total	Male		Female		0 - 7 Days		8 - 14 Days		15-21 Days		22 days - 1 mo.		1 mo. - 1 yr.	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F
051	Streptococcal sore throat	1			1										1	
053	Septicaemia and pyaemia	1	1													
056	Whooping Cough	1			1										1	
274	Diseases of adrenal glands	1			1											
391	Otitis media without mention of mastoiditis	1	1												1	
422	Other myocardial degeneration	1			1										1	
432	Acute pericarditis specified as nonrheumatic	1	1												1	
480	Influenza with pneumonia	1	1												1	
490-3	Pneumonia (over 4 weeks)	14	8		6								1		7	6
500	Acute bronchitis	1	1										1			
501	Bronchitis Unqualified	3	1		2								1		2	
525	Other chronic interstitial pneumonia	1			1										1	
539	Diseases of oesophagus	1	1													
570	Intestinal obstruction without mention of hernia	1	1												1	
571	Gastro-enteritis and colitis (over 4 wks.)	2	1		1										1	1
572	Chronic enteritis and ulcerative colitis	2	1		1										1	1
581	Cirrhosis of liver	1			1										1	
780	Certain symptoms referable to nervous system and special senses	1	1												1	
921	Inhalation and ingestion of food causing obstruction or suffocation	3	3												3	
923	Foreign body entering other orifice	1	1													
TOTALS		39	23		16		2	1					3		18	15

RIVER HEIGHTS

A

Live Births 354
 Infant Deaths 0-14d. 8
 Rate per 100 L.B. 2.3
 Inf. Dths. 15d.-lyr. 3
 Rate per 100 L.B. .3

CRESCENTWOOD

B

Live Births 567
 I.D. 0-14d. 9
 Rate/100 L.B. 1.6
 I.D. 15d.-lyr. 7
 Rate/100 L.B. 1.2

CAMBRIDGE

L.B. 353

Inf. Dths. 3

0-14d. 3

Rate 2.3

15d.-lyr. 3

Rate .8

PORTAGE SOUTH E

L.B. 401

Inf. Dths. 3

0-14d. 3

Rate 2.0

15d.-lyr. 4

Rate 1.0

Live Births 381

I.D. 0-14d. 1

Rate/100 L.B. .3

I.D. 15d.-lyr. 3

Rate/100 L.B. .8

RIVERVIEW

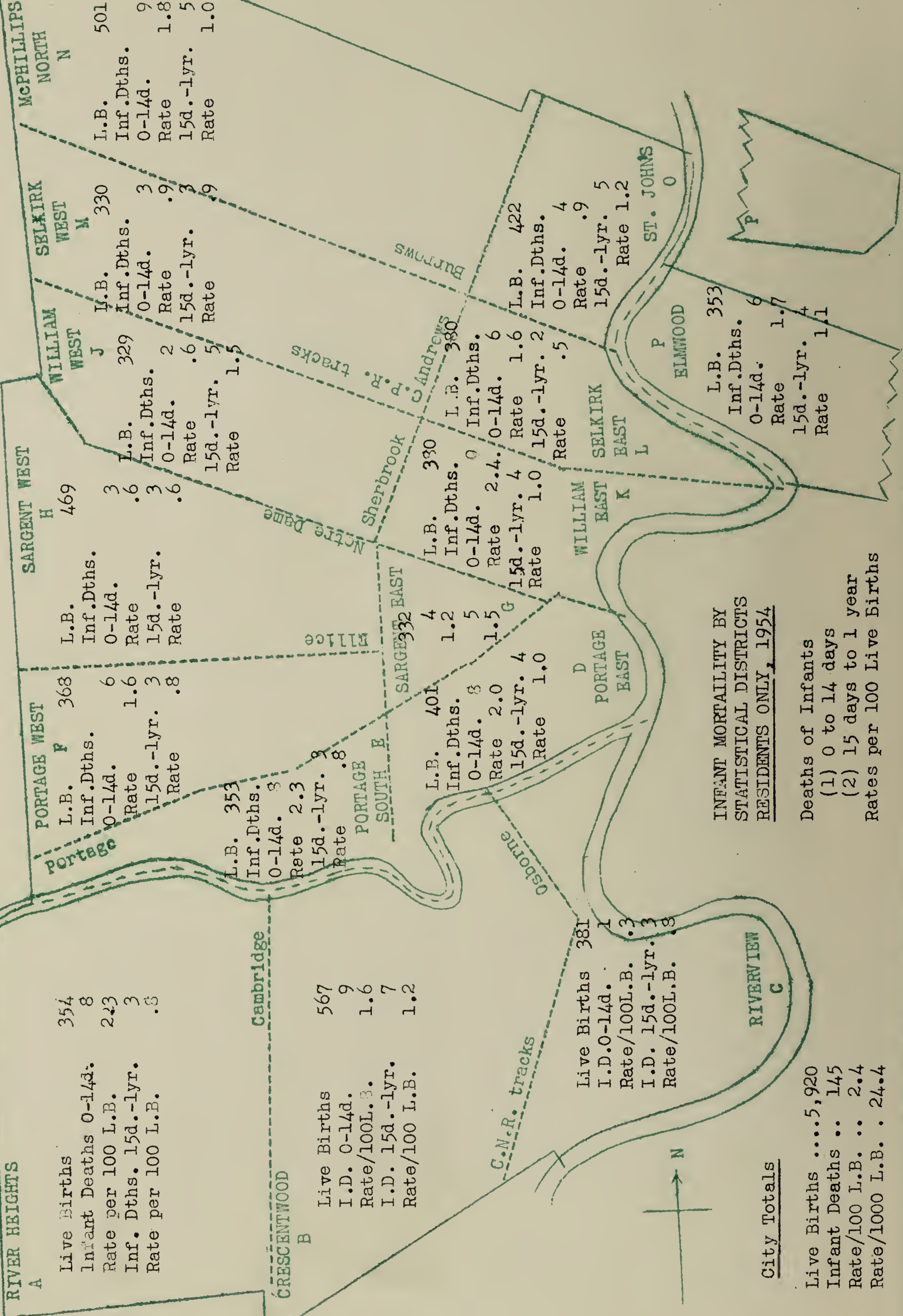
C

Live Births 5,920
 Infant Deaths .. 145
 Rate/100 L.B. .. 2.4
 Rate/1000 L.B. .. 24.4

City Totals

INFANT MORTALITY BY STATISTICAL DISTRICTS RESIDENTS ONLY, 1954

Deaths of Infants
 (1) 0 to 14 days
 (2) 15 days to 1 year
 Rates per 100 Live Births



District	Live Births	Total Infant Deaths		Infant Deaths 0 - 14 days		Infant Deaths 15d. - 1yr.		Stillbirths		Puerperal Deaths	
		No.	Rate/ 100 L.B.	No.	Rate/ 100 L.B.	No.	Rate/ 100 L.B.	No.	Rate/ 100 L.B.	No.	Rate/ 100 L.B.
River Heights	354	11	3.1	8	2.3	3	.8	2	.6	.	.
Crescentwood	567	16	2.8	9	1.6	7	1.2	2	.4	.	.
Riverview	381	4	1.1	1	.3	3	.8	5	1.3	.	.
Portage East	401	12	3.0	8	2.0	4	1.0	6	1.5	.	.
Portage South	353	11	3.1	8	2.3	3	.8	9	2.5	.	.
Portage West	368	9	2.4	6	1.6	3	.8	6	1.6	.	.
Sargent East	332	9	2.7	4	1.2	5	1.5	6	1.8	1	.3
Sargent West	469	6	1.3	3	.6	3	.6	3	.6	1	.3
William West	329	7	2.1	2	.6	5	1.5	7	2.1	.	.
William East	380	13	3.4	9	2.4	4	1.0	13	3.4	.	.
Selkirk East	380	8	2.1	6	1.6	2	.5	1	.3	1	.3
Selkirk West	330	6	1.8	3	.9	3	.9	5	1.5	.	.
McPhillips North	501	14	2.8	9	1.8	5	1.0	9	1.8	.	.
St. John's	422	9	2.1	4	.9	5	1.2	5	1.2	.	.
Elmwood	353	10	2.8	6	1.7	4	1.1	7	2.0	.	.
TOTALS	5,920	145		86		59		86		3	
Rates/100 L.B.			2.4		1.4		1.0		1.4		.05
Rates/1,000 L.B.			24.5		14.5		10.0		14.5		.5

HOME VISITS OF PUBLIC HEALTH NURSESTO CASES OF ACUTE COMMUNICABLE DISEASES

	<u>1954</u>	<u>1953</u>
Total home visits re: Acute communicable diseases.....	370	229
Exclusions from school - suspect communicable diseases.	363	431
Skin conditions.....	248	230
Pediculosis.....	112	159
<u>HOSPITALIZATIONS:</u>		
Number of regular authorizations for hospital admission	739	655
Number of emergency admissions to hospital approved....	4709	4690
Number of venereal disease cases hospitalized to date..	4	1

NURSING HOMES

Number of Nursing Homes visited.....	26	25
Number of medical examinations.....	5088	4051

WELFARE INSTITUTIONS REPORT:

<u>Number of visits of inspection and supervision to:</u>		
Nursing Homes, Institutions, Hospitals.	574	504
Day Nurseries.....	20	12
Children's Boarding Homes.....	1	1
Number of interviews with Supervisors.....	98	26
Number of Personal interviews.....	510	726
Number of calls to patients homes.....	256	257
Number of interviews with doctors.....	510	395
Number of new cases.....	246	265
Number of deaths.....	154	136
Number of closed cases.....	76	92
Meetings.....	54	27

MEDICAL RELIEF AND OTHER CALLS:

Patients visited by district physicians.....	1402	1419
Calls received from Public Health Nurses.....	261	334
Glasses supplied to school children.....	254	171
Number of persons receiving insulin.....	218	227

WELFARE INSTITUTIONS - CITY OF WINNIPEG

<u>Name</u>	<u>Capacity</u>	<u>No. of children at Dec. 31, 1954</u>
Isabel Anderson, 349 Clare Avenue	21	13
Children's Foster Home	10	7
Pre Delinquent		
Children's Aid Receiving - 422 Assiniboine	28	13
Children's Aid Nursing Unit - 426 Assiniboine	23	16
Grace Hospital, Evanson & Portage Avenue	32	21 girls
	20 infants	7 infants
Ukrainian Children's Day Nursery	28	18
613 Flora Avenue		
Misericordia Hospital - 20 Sherbrook Street	21	30 patients
		21 babies
McMasters, 151 Bannerman	15	13
St. Joseph's Vocation School, 1051 Portage Ave.	159	51
Sir Hugh J. MacDonald, 175 Mayfair	20	21
Day Nursery Centre - 378 Stella Avenue	30	33
Joan of Arc Day Nursery - 159 Jarvis Avenue	75 in winter	41
	100 in summer	
Idell Robinson, 264 Roslyn	34	20
Children's Aid - Foster Homes		198
Jewish Welfare Foster Home		4
Private Placements		8
Eastern Manitoba, Foster Homes		3
Health and Public Welfare Foster Homes		20

DIVISION OF COMMUNICABLE AND OTHER DISEASES

- 16 -

Summary of Immunizations 1954

PERTUSSIS VACCINE:

Total doses by department	25
Total doses by physicians	258

SMALLPOX VACCINE:

VACCINATIONS

RE-VACCINATIONS

Under 1 year	659	-
1 year	365	-
2 - 5 years	250	104
6 - 16 years	129	14
Over 16 years	<u>28</u>	<u>32</u>
	1,431	150

Total vaccinations by department	1,581
Total vaccinations by physicians	7,741

TYPHOID FEVER VACCINE:

450

DIPHTHERIA TOXOID, TETANUS VACCINE AND PERTUSSIS COMBINED:

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>Augmenting</u>
Under 1 year	932	998	900	8	-
1 year	352	368	352	15	-
2 - 5 years	122	115	87	7	167
6 - 16 years	27	12	10	-	48
Over 16 years	<u>-</u>	<u>1</u>	<u>-</u>	<u>-</u>	<u>3</u>
	1,433	1,494	1,349	30	218

Total doses by department	4,524
Total doses by physicians	13,348

THE UNIVERSITY OF CHICAGO

NAME	DEGREE	CLASS
ALAN TURING	B.S.	1935
JOHN VON NEUMANN	B.S.	1935
JOSEPH W. KATZ	B.S.	1935
JOHN G. HOPFIELD	B.S.	1935
JOHN L. KATZ	B.S.	1935
JOHN L. KATZ	B.S.	1935

Class of 1935

NAME	DEGREE	CLASS
ALAN TURING	B.S.	1935
JOHN VON NEUMANN	B.S.	1935
JOSEPH W. KATZ	B.S.	1935
JOHN G. HOPFIELD	B.S.	1935
JOHN L. KATZ	B.S.	1935
JOHN L. KATZ	B.S.	1935

Class of 1935

DIVISION OF COMMUNICABLE AND OTHER DISEASES

Summary of Immunizations
1954

DIPHTHERIA TOXOID:

D O S E S

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>Augmenting</u>
Under 1 year	-	-	-	-	-
1 year	-	-	-	-	-
2 - 5 years	-	2	-	-	-
6 - 16 years	1	-	-	-	-
Over 16 years	-	-	-	-	-
	1	2	-	-	-

Total doses by department 3
Total doses by physicians 695

DIPHTHERIA TOXOID AND PERTUSSIS VACCINE COMBINED:

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>Augmenting</u>
Under 1 year	-	-	2	-	-
1 year	1	-	1	-	-
2 - 5 years	6	4	4	5	21
6 - 16 years	-	4	7	-	24
	7	8	14	5	45

Total doses by department 79
Total doses by physicians 528

DIPHTHERIA TOXOID AND TETANUS VACCINE COMBINED:

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>Augmenting</u>
Under 1 year	10	12	8	-	-
1 year	28	29	18	12	-
2 - 5 years	176	150	129	59	318
6 - 16 years	75	56	47	16	192
	289	247	202	87	510

Total doses by department 1,335
Total doses by physicians 956

CASES AND DEATHS REPORTED:

	1954		1953	
	CASES	DEATHS	CASES	DEATHS
Cerebrospinal Fever	5	-	10	3
Chickenpox	409	-	439	-
Diphtheria	-	-	2	-
Diphtheria Carriers	-	-	-	-
Diarrhoea, Infantile	21	2	35	-
Dysentery, Bacillary	6	-	3	-
Encephalitis, Infectious	-	-	3	2
Erysipelas	10	-	10	-
Hepatitis, Infectious	51	-	48	-
Influenza	-	-	10	6
Measles	259	-	862	2
Mumps	299	-	327	-
Opthalmia, Neon.	-	-	-	-
Poliomyelitis	23	3	765	34
Paratyphoid Fever	-	-	-	-
Scarlet Fever	117	-	115	-
Smallpox	-	-	-	-
Tetanus	-	-	-	-
Tuberculosis, Pulmonary	69	15	74	13
Typhoid Fever	-	-	-	-
Typhoid Fever Carriers	-	-	-	-
Undulant Fever	-	-	1	-
Whooping Cough	174	1	46	-
	1443	21	2750	60

SERA AND VACCINE DISTRIBUTED

	1954	1953
Smallpox Vaccine.....	10,053	7,785
Scarlet Fever Toxin (1 person pkts.).....	129	123
(6 person pkts.).....	-	-
Dick Test Toxoid pkts.....	9	12
Scarlet Fever Antitoxin (for prophylaxis).....	3	-
(for treatments).....	6	-
Diphtheria Antitoxin (1,000 unit pkts.).....	-	-
(5,000 unit pkts.).....	-	-
(10,000 unit pkts.).....	1	-
(20,000 unit pkts.).....	5	1
Diphtheria Toxoid (1 person pkts.).....	232	593
(36 cc. pkts.).....	-	-
Schick test toxin pkts.....	42	57
Tetanus Toxoid (1 person pkts.).....	48	65
Tetanus Antitoxin (1,500 unit pkts.).....	93	99
(10,000 unit pkts.).....	-	2
Typhoid Vaccine (1 person pkts.).....	152	136
(6-7 person pkts.).....	-	-
(10 person pkts.).....	-	2
Pertussis Vaccine (1 person pkts.).....	86	90
Pertussis and Diphtheria combined 1 person....	176	322
Diphtheria and Tetanus (1 person pkts.) Conn..	45	164
Diphtheria and Tetanus (1.5 cc P.D.).....	55	20
Diphtheria and Tetanus (7.5 cc P.D.).....	245	46
Diphtheria, Tetanus and Pertussis (1.5 cc P.D.	371	144
Diphtheria, Tetanus and Pertussis (7.5 cc P.D.	1,896	1,349
Diphtheria, Tetanus and Pertussis (Connaught).	288	484

WINNIPEG CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1954

Continued progress in the control of the Tuberculosis in Winnipeg is reflected in the following report of the Tuberculosis Division of the City Health Department.

King Edward Memorial Hospital

Perhaps the most notable feature indicative of progress was the official closing of the King Edward Memorial Hospital in August 1954. This hospital was built in 1912 and from that date until closing it was used as a hospital for treating tuberculous patients. For some decades the one hundred beds available were constantly occupied; however in the past few years the state of bed occupancy has steadily declined to the point where it was apparent that the hospital could be utilized for a more useful purpose than a tuberculosis sanatorium. Therefore in August patients in the King Edward Hospital were transferred to available beds in the various Sanatoria operated by the Manitoba Sanatorium Board. The present lack of need for a tuberculosis treatment centre maintained by the City is indeed an indication of progress in the control of this disease.

Death Rate

There were 17 deaths in Winnipeg due to tuberculosis. This corresponds to a death rate of 7.0 per 100,000 population and is the second lowest death rate ever recorded in Winnipeg. (Tuberculosis death rate in 1953 was only 6.3) The following table illustrates the gradual but steady decline in the death rate since 1920.

<u>Year</u>	<u>No. of Deaths</u>	<u>Rate per 100,000 population</u>
1920	138	71.7
1930	106	51
1940	52	23
1950	21	8.8
1954	17	7.0

Hospitalization

There was a monthly average of 191 patients hospitalized at City expense in the various Sanatoria during the year 1954. This is a substantial reduction in the monthly average of patients hospitalized during 1951 (238 patients), in 1952 (214 patients) and 1953 (199 patients). The monthly average number of patients in the various sanatoria were:

King Edward Memorial Hospital.....	60	(for 7 months)
Ninette.....	69	
St. Boniface Sanatoria.....	69	
Central Tuberculosis Clinic.....	18	

X-ray Surveys

During 1954 the chest X-ray survey programme continued to expand. The mobile 70 mm. X-ray machine previously purchased by the Manitoba Sanatorium Board and loaned with staff to the City Health Department, the stationary 4 x 5 X-ray Unit at the City Hall and two other 70 mm. machines (provided by the Manitoba Sanatorium Board for use during the survey of all school children) were all utilized in X-raying a total of 83,883 individuals. This is the second largest number of citizens to be X-rayed during any single year.

WINNIPEG CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1954

Industrial Surveys

1048 office, business and industrial concerns were provided with an opportunity for their employees to have a chest X-ray at one or other of the 82 sites where the X-ray machines were set up. 96.2% of the employees of these business concerns attended for an X-ray.

Table I lists the activities of the X-ray Units

Table I - 70 mm. Units

No. of operational sites.....	82
No. of industries X-rayed.....	1,048
Average attendance.....	96.2%
No. of Industrial X-rays taken.....	32,764
No. of school children X-rayed.....	35,630
No. of private school children X-rayed.....	5,275
Total 70 mm. X-rays.....	73,669

4 x 5 Unit at City Hall

No. of survey, contact, and patients X-rayed....	6,520
No. of pre-employment X-rays.....	3,694
Total 4 x 5 X-rays.....	10,214

TOTAL X-RAYS TAKEN DURING 1954..... 83,883

Seventeen new cases of pulmonary tuberculosis were discovered during the year which is 25.4% of the total number of new active pulmonary cases discovered by all agencies such as, private physicians, Sanatoria, Hospitals, private and public clinics. (See Table 2)

Table II Active Cases of Pulmonary Tuberculosis Discovered Annually

<u>Year</u>	<u>By all means</u>	<u>By City Health Surveys</u>	<u>% of Total found by City Health Surveys</u>
1950	95	28	29.5
1951	77	22	28.6
1952	91	25	27.5
1953	74	26	35.1
1954	67	17	25.4

There was a ratio of one new case discovered for every 4934 individuals X-rayed. Once again the progress that is being made in stamping out this disease is evident in Table III which shows that in 1949, out of every 1,118 individuals X-rayed one new unsuspected case of tuberculosis was discovered compared to one out of every 4934 individuals X-rayed in 1954. The value of the pre-employment chest X-ray program is also well illustrated by the finding of 3 new unsuspected cases among 3,694 pre-employment X-rays or one new case for every 1,230 individuals X-rayed.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY

CHICAGO, ILLINOIS

The following information pertains to the work of the
Department of Chemistry, University of Chicago, during the
period from 1941 to 1942. The work was carried out in
the laboratory of the Department of Chemistry, University of Chicago.

The work was carried out in the laboratory of the Department of Chemistry, University of Chicago.

CHICAGO, ILLINOIS

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1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

The work was carried out in the laboratory of the Department of Chemistry, University of Chicago.

WINNIPEG CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1954

Table III Active Cases of Pulmonary Tb. Discovered Annually by Surveys

<u>Year</u>	<u>No. of X-rays</u>	<u>Total Active Cases</u>	<u>Active Cases Rate per 1,000 X-rays</u>
1949	31,311	28	.9 or 1 every 1,118 X-rays
1950	44,916	22	.5 or 1 every 2,042 X-rays
1951	73,734	35	.5 or 1 every 2,107 X-rays
1952	52,466	25	.5 or 1 every 2,088 X-rays
1953	72,259	26	.4 or 1 every 2,779 X-rays
1954	83,883	17	.2 or 1 every 4,934 X-rays

In addition to these new unsuspected cases of Tuberculosis some individuals were found to have other significant pathology of the lung, heart or great vessels. Such individuals were advised to consult their own physician for further advice or treatment as required.

Table IV shows the source of active cases discovered by the Health Department. It should be noted that there were 893 individuals referred to the City Hall by private physicians for chest X-rays and that 1 new active case was discovered among this group. These referrals were in the main for pre-natal chest X-rays, routine chest X-rays in conjunction with a physical examination or suspect lung pathology. It is of interest to record that of the 17 new cases discovered 9 were discovered by the X-ray Unit at the City Hall and 8 by the Mobile Units.

Table IV Source of Active Cases Discovered by Health Department

Surveys.....	9
Pre-employment.....	3
Referred by Private Physician.....	1
Individuals.....	4
Total.....	17

As will be seen in Table V, Tuberculosis discovered on Surveys continues to be found among those individuals who are in the most productive years of their lives. Ten cases or 59% of the 17 new cases were discovered in the 20 to 39 age group.

Table V Active Cases Discovered through X-rays taken on Surveys and at City Hall by Age Group

<u>Year</u>	<u>0-19 yrs.</u>		<u>20-39 yrs.</u>		<u>40-59 yrs.</u>		<u>60-yrs.</u>		<u>Total</u>
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>	<u>Cases</u>
1949	3	11	17	60	7	25	1	4	28
1950	1	4	18	82	3	14	-	-	22
1951	10	29	20	57	4	11	1	3	35
1952	5	20	16	64	2	8	2	8	25
1953	3	12	16	62	5	20	2	8	26
1954	5	29	10	59	1	6	1	6	17

THE HISTORY OF THE UNITED STATES

OF THE UNITED STATES OF AMERICA

FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME

1607	1608	1609	1610	1611	1612	1613	1614	1615	1616	1617	1618	1619	1620	1621	1622	1623	1624	1625	1626	1627	1628	1629	1630	1631	1632	1633	1634	1635	1636	1637	1638	1639	1640	1641	1642	1643	1644	1645	1646	1647	1648	1649	1650	1651	1652	1653	1654	1655	1656	1657	1658	1659	1660	1661	1662	1663	1664	1665	1666	1667	1668	1669	1670	1671	1672	1673	1674	1675	1676	1677	1678	1679	1680	1681	1682	1683	1684	1685	1686	1687	1688	1689	1690	1691	1692	1693	1694	1695	1696	1697	1698	1699	1700	1701	1702	1703	1704	1705	1706	1707	1708	1709	1710	1711	1712	1713	1714	1715	1716	1717	1718	1719	1720	1721	1722	1723	1724	1725	1726	1727	1728	1729	1730	1731	1732	1733	1734	1735	1736	1737	1738	1739	1740	1741	1742	1743	1744	1745	1746	1747	1748	1749	1750	1751	1752	1753	1754	1755	1756	1757	1758	1759	1760	1761	1762	1763	1764	1765	1766	1767	1768	1769	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	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WINNIPEG CITY HEALTH DEPARTMENT
TUBERCULOSIS CONTROL 1954

The extent of disease on discovery for the 17 new cases found was:

<u>Extent</u>	<u>No. of Cases</u>
Minimal	6
Moderately Advanced	10
Far Advanced	1

.....0.....

In conclusion the co-operation and assistance extended to the City Health Department by the various agencies concerned with the treatment or control of Tuberculosis has been greatly appreciated. In particular we are grateful to the Manitoba Sanatorium Board through the Central Tuberculosis Clinic for the loan to the City Health Department of technical staff when required; for the interpretation of X-ray films, and for various equipment and supplies.

R. G. Cadham, M.D., D.P.H.,
Deputy Medical Health Officer.

TUBERCULOSIS CONTROL

TUBERCULOSIS CASES AND SUPERVISION

New diagnosis reported in 1954 (Pulmonary, non-pulmonary and Pleurisy with effusion):

Female.....	64	
Male.....	<u>96</u>	160

New cases of Tuberculosis reported to City Health Department in 1954

New Diagnosis - Active and Inactive:

Pulmonary.....	134	
Non-pulmonary.....	13	
Pleurisy with effusion.....	<u>14</u>	161
Old cases transferred from outside points into City.....	<u>46</u>	207

No. of active cases among new diagnosis in 1954:

Pulmonary tb. active.....	67	
Pulmonary tb. activity doubtful.....	5	
Pleurisy with effusion active.....	11	
Non-pulmonary tuberculosis.....	<u>13</u>	96

Known cases transferred into City during 1954.....	46
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Known cases transferred out of City during 1954.....	36
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Average No. Patients in Sanatoria during 1954.....	191
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Average No. cases under supervision during 1954.....	1,653
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No. Deaths from Tuberculosis during 1954:

Pulmonary.....	17	
Non-Pulmonary.....	<u>6</u>	23

Reports from Chest Clinics and Sanatorium during 1954:

Regarding Tuberculosis Cases.....	2,224	
Regarding Tuberculosis Contacts.....	<u>838</u>	3,062

TUBERCULOSIS CONSULTANT - 1954

Personal interviews in Office.....	50
Individual conferences with nurses on phone or in Office.....	1,630
Conferences in District Office with a group of nurses.....	3
Conferences with Doctors re patients.....	195
Conferences with Agencies.....	342
Visits to Sanatoria.....	71
Visits with patients in Sanatoria.....	828
Visits to homes of Tb. patients.....	9
Meetings.....	7

Visits of Public Health Nurses to homes of Tb. cases during 1954.	1,165
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TUBERCULOSIS CONTROL

X-RAY EXAMINATIONS

Surveys at City Hall - 4 x 5 Unit:

Individuals	2260	Jacob-Crowley	98
Immigration	225	Hy-Fashion	3
Pre-Natal	64	National Cloak	77
Children's Aid Society	136	Brill Cap	32
University of Manitoba	191	Master Fur	5
Gault's Ltd.	33	Lucerne Milk	13
McColl-Frontenac	14	Salisbury House	113
Wiggin's System	65	Canadian Liquid Air	16
Robinson Webber	21	Comet Press	5
Clay-Law	24	Hudson Bay House	1
Canadian Aviation Electronics	7	T. Eaton Co.	3
Hudson Bay Co.	20	Paulin Chambers	2
Ashdown's	290	McCormick Ltd.	7
Manitoba Power Comm.	7	Can. Bank of Commerce	2
Manitoba Telephone	30	Braithwaites	13
Great West Life	1	Canada Packers	1
C.P.R.	8	Western Garment	31
Great West Metals	39	United Garment	80
Claude Neon Rudy Kester Ltd.	163	Acme Garment	51
Manhattan Fur	2	Labor Temple	30
Stall Fur	4	Manitoba Pants	71
Durable Fur	6	Can. Shirt & Overall	44
Mid-West Novelty	19	Quality Pants	29
Millar, Macdonald & Co.	49	Belmont Children	19
H. & R. Mfg.	46	Mid-West Garment	46
Olympic Sports Togs	284	Met. Heating & Plumbing	4
Freed & Freed	66	Peerless Garment	68
Superior Leather & S.	35	Winnipeg Pant	38
Gerhard Kennedy	46	Western Shirt & Overall	121
Standard Garment	38	V.O.N.	7
Canadian Garment	59	Sterling Cloak	165
National Publishers	22	Stall & Son	141
Duffy's Taxi	13	Jacob Fashions	60
Exchange Cafe	32	Buffalo Cap	38
H. L. Perry	30	Juillards	22
W. J. Gage	43	Stall Sportswear	87
Can. National Inst. for Blind	21	Cambridge Knitwear	74
Bell Bottling	50	Dresslers	89
Golden Gate Barber Shop	5	Young Ideas	36
Continental Cloak	12	Junior Wear	80
McLaren Hotel	38	Gerb Mfg.	12
City Dray	49	Manitoba Cap	20
Dominion Cloak	10	Superior Clothing	3
Lynbrook Mfg.	29	Ladies Craft	31
Charm Apparel	19	Normal School	7

Total number of X-rays taken at City Hall during 1954 for Surveys
and Individuals..... 6,520

PRE-EMPLOYMENT FILMS TAKEN AT CITY HALL

Civic Employees	351	Aluminium Goods of Canada	3
C.P.R.	504	Canadian Aviation Electronics	62
Macdonald Brothers Airdraft	107	Weston's Bakeries	34
Manitoba Telephone System	282	Greater Winnipeg Water Dist.	1
Greater Winnipeg Transit	112	Canadian Fire Ins.	21
Winnipeg Electric Co.	149	McColl Frontenac	10
Winnipeg & Central Gas	68	Tucketts Ltd.	1
Great West Life	81	Paulin Chambers	125
Dept. of National Revenue	38	Canada Packers	18
School Board	288	Claude Neon Ruddy Kestér	4
Canadian Industries Ltd.	11	Manitoba Club	27
Manitoba Hospital Assoc.	1	Salada Tea	2
Moore Business Forms	8	Coco Cola	18
Lever Bros.	10	Salisbury House	11
Royal Trust	9	Lucerne Milk	3
Royal Bank of Canada	175	Victoria Order of Nurses	5
Hudson Bay House	20	Canadian Bank of Commerce	3
International Harvesters	17	Dupont	6
Imperial Tobacco	6	Winnipeg Brass	1
Eatons	1068	Canada Life Assurance	1
Marshall-Wells	32	General Electric	1

Total number of Pre-employment films taken at City Hall during 1954.. 3,694
Total X-rays taken at City Hall for surveys, Individuals, and
referred by Doctor during 1954..... 6,520
Total X-rays taken at City Hall during 1954..... 10,214

TUBERCULOSIS CONTROL

X-RAY EXAMINATIONS

OUTSIDE AND INDUSTRIAL SURVEYS - 70 mm. Unit

Manitoba Bridge & Engineer Works	325	Hudson Bay House	240
Hudson Bay Co.	932	Wpg. Grain Exchange	1395
Marshall Wells	168	Can. Wheat Board	530
Great West Life Ass.	887	Dominion Bridge	218
Can. Sportswear	146	Individuals (@ A.C.T.)	33
Hercules	99	Hamilton Bldg.,	409
Monarch Overall	144	Can. Inst. of Blind	141
Northern Shirt	141	Burns & Co.	537
Grant's	32	Ogilvie Flour	377
Minn. Moline of Canada	141	Pelissier's Beer	44
Macdonald Bros. Aircraft	174	Dominion Envelope	157
Drewery's	195	Systems Equipment	82
Canada West Shoe	154	J. I. Case Co.	404
Western Glove	129	J. Watkins Co.	51
G. McLean	104	Weston's Bakeries	190
International Harvester	247	Moore Business Forms	174
Diecast Products	186	Canada Malting Co.	207
Cockshutt Equipment	130	Standard Dairies	122
Canada Bread	116	W. T. Raleigh	83
Motor Coach Ind.	224	Wood Mfg.	130
Parkhill Bedding	173	Simmons Beddings	124
Stovel-Advocate	222	Sherwin-Williams	161
Rumford's	88	Globe Bedding	107
Peerless Laundry	143	John Woods	117
Hart-Emerson	50	Building Products	157
Winnipeg Caskett	148	C.N.R.	6650
Canadian Aviation Electronics	182	C.P.R.	3670
Vulcan Iron Works	311	Blue Cross	92
T. Eaton Co.	7165	Workers Benevolent Assoc.	572
Crescent Creamery	151	Community Chev.	94
Paulin Chambers	299	T.C.A.	1200
Imperial Oil	137	Standard Brands	36

Total X-rays taken on Industrial Surveys (70 mm.) - Industries...	32,764
- Schools.....	40,905
Total X-rays taken at City Hall (4 x 5 Unit).....	10,214
Total No. chest X-ray films taken in City during 1954.....	<u>83,883</u>

TUBERCULOSIS CONTROL

X-RAY EXAMINATIONS

OUTSIDE AND INDUSTRIAL SURVEYS - 70 mm. Unit

PUBLIC SCHOOL CHILDREN

Sir Sam Steele	145	David Livingstone	377	Ralph Brown	392
George V	711	R. H. Smith	568	Mulver	557
Elmwood School	248	Norquay	667	Laura Secord	861
Lord Selkirk	1140	River Heights	496	Wolseley	240
Glenelm	284	Argyle	184	Weston	405
Luxton	788	Dufferin	306	Cecil Rhodes	933
Champlain	330	Queenston	477	Principal Sparling	614
Machray	733	Gordon Bell	548	Wellington	410
St. Johns Tech.	671	Brock-Corydon	443	Ashland	245
Inkster	339	Victoria	623	Sargent	374
Faraday	727	Sir J. Franklin	308	Riverview	576
Isaac Newton	549	Hugh J. Macdonald	571	Clifton	240
Margaret Scott	355	Carpathia	353	Jameswood	82
Robertson	735	Somerset	414	Earl Grey	843
Lord Nelson	608	Kelvin	959	Isaac Brock	935
Florence Nightingale	412	Pinkham	318	Gladstone	436
Shaughnessy Park	268	Grosvenor	418	Fort Rouge	122
King Edward	938	Montcalm	224	Greenway	795
Strathcona	624	Rockwood	613	General Wolfe	659
Tech. Voc.	805	La Verendrye	450	John M. King	622
Daniel Mac.	929	Harrow	354	Isbister	376
William Whyte	557	Lord Roberts	993	Alexandra	251
Aberdeen	663				

SEPARATE SCHOOLS & COLLEGES

Manitoba Technical Institute	1498	St. Nicholas School	180
Success College	279	Holy Ghost	161
Angus School College	129	Peretz Free School	286
Manitoba Comm. College	56	Ravenscourt	99
Kent School	232	St. Ignatious	487
Normal School	530	Sacred Heart	413
Menninote Bible B.I.	297	Riverbend	204
Hebrew Free School	292	St. Mary's	257
Peretz	87	St. Edward's	290
St. Joseph's School	146	Immaculate Conception	118

Total number of Public School Children X-rayed..... 35,630
Total number of Private School Children X-rayed..... 5,275
Total number of School Children X-rayed during 1954..... 40,905

MEDICAL AND NURSING SERVICES

Supervisory Report

Consulting doctor, hospital or agency on patient's behalf	1,560
Record supervision or analysis (all service)	4,582
Individual contacts with nurse	2,144
New nurse on district	30
Other nurse on district	21
Undergraduate and post-graduate nurses	115
Supervision in schools and Child Health Centres	79
Substitution in schools and on District	215
Inspection for licensing Boarding Homes	112
Group conferences (staff)	12

Children Examined for Fresh Air Camps

Camp Morton	171
Salvation Army Camp	244
C.G.I.T. Camp	132
United Church Camp	189
B'Nai B'rith Camp	44
Y.M.C.A. Camp	11
	<hr/>
	791

Victorian Order of Nurses Service Summary for the Year 1954.

Total number of new cases	3,116
Nursing Care Visits	
Prenatal	27
New Born	1,089
Post Natal	90
Infant	125
Pre-school	177
School	183
Adult	32,545
Health Instruct Visits	
Prenatal	98
Post Natal	839
New Born	828
Infant	1,030
Pre-school	95
School	36
Adult	866
Not seen	708
On behalf of patient	151
	<hr/>
TOTAL	42,003

DIVISION OF CHILD MEDICAL SERVICESAccidents Reviewed

Total accidents reported by Principal and Nurse	819
---	-----

Communicable Diseases in School Children

	<u>1953</u>	<u>1954</u>
Total number of Chickenpox	286	345
Total number of Diphtheria	1	-
Total number of Diphtheria Carriers	-	-
Total number of Measles	480	111
Total number of Mumps	312	231
Total number of Scarlet Fever	134	60
Total number of Whooping Cough	19	65
Total number of Poliomyelitis	274	11

Report on Health Inspection of School Children by Public Health Nurses.

Pupils examined in Health Service Rooms by nurses	25,837
Exclusion from school	2,207
Miscellaneous	1,484
Pediculosis	112
Skin conditions	248
Suspect communicable disease	363
Others for admission and re-admission	2,570
Treatments given, accidents, etc.....	10,666
Children prepared for complete physical	10,394
Classroom inspections by school nurse	1,435
General	1,271
Acute communicable	164
Conferences re pupils by nurses	58,770
With pupil	35,730
With parent	9,440
With teacher	1,609
With others	11,881
District conferences	110
Group teaching in classrooms	881
Home visits to school children made by nurses (exclusive of communi- cable disease visits)	4,354
Instructions re school children by District Office Telephone	1,049

DIVISION OF PUBLIC HEALTH NURSING

Personal Services to Patients by Public Health Nurses.

(Including visits and instruction by telephone from District Office).

		<u>HOME</u>	<u>DISTRICT OFFICE</u>
Health:	New Born	5,272	172
	Under 1 year	4,530	656
	Pre-school children	6,886	425
	School children	5,764	1,049
	Adults	5,124	660
Pre-Natal		752	31
Post-Natal		4,614	83
Attendance at Pre-Natal Classes		1,352	-
Morbidity:	Tuberculosis	1,165	297
	Acute communicable	370	62
	Non-communicable	929	132
Unclassified:	Not found	4,978	27
	Not Taken under care	285	3
	Special activity	669	142
	TOTAL	<u>42,690</u>	<u>3,739</u>

Results of Cardiac Survey 1953 - 54.

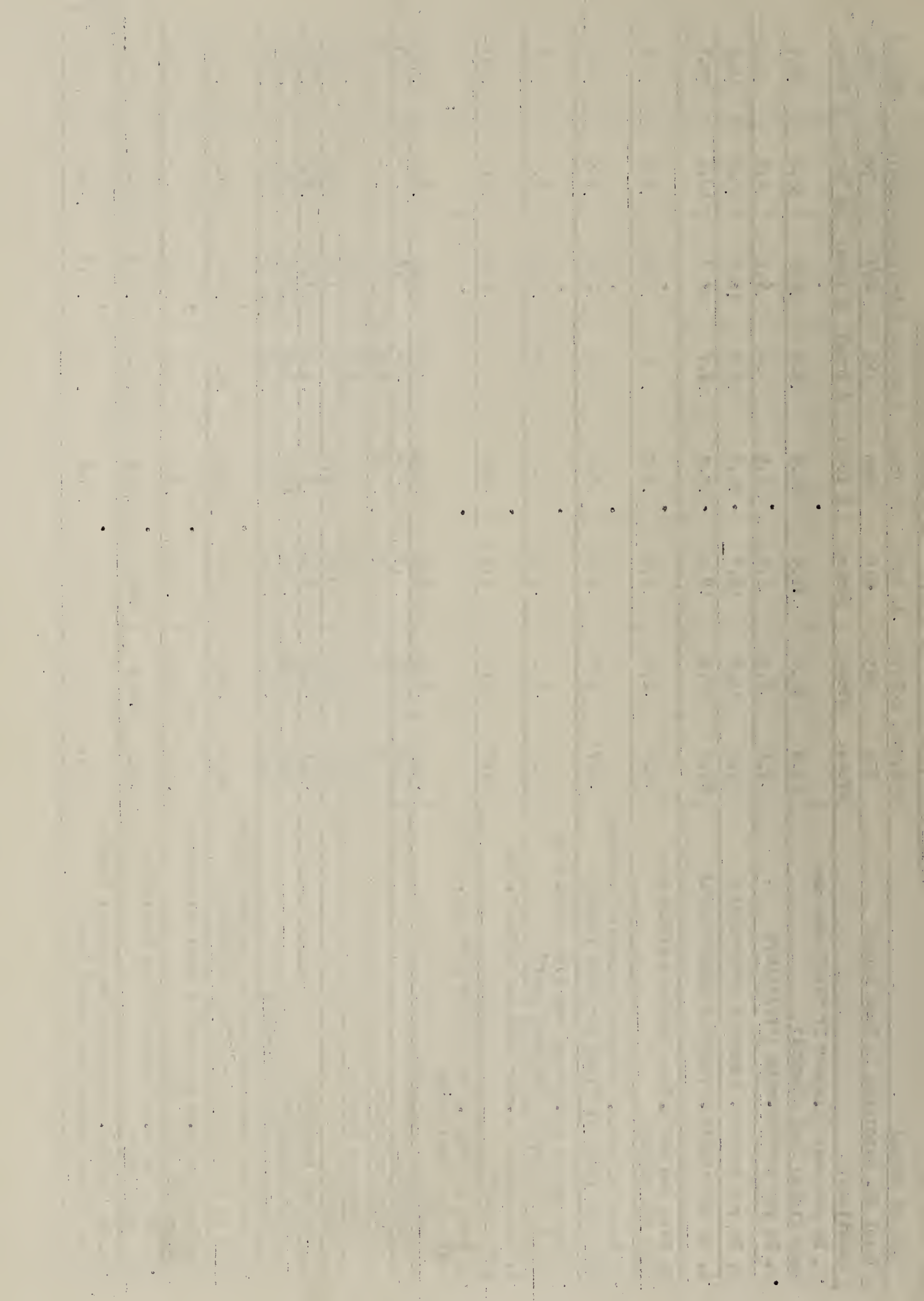
Total school population 35,700

No heart disease	234	
Rheumatic heart disease	36	
Congenital Heart disease	86	
Doubtful heart disease	72	
Not traced	25	Total <u>453</u>

Hospital Health Service Report

No. of meetings attended	42
No. of clinics attended	192
No. of interviews (on wards and at clinics)	3,211
No. of conferences with doctors	401
No. of conferences with nurses (provincial and city)	2,090
No. of conferences with agencies	982
Miscellaneous conferences on behalf of patients	2,037
Referral of cases to O.P.D. by District, Province and Agencies	1,030
Referral of cases by O.P.D. to District, Province and Agencies	2,065
No. of social histories taken	26
No. of Child Health Centres attended	25

Name of School	Tec.Voc. Kelvin	G. Bell	St. Johns	I. Newton	D. McIntyre	L. Selk.	TOTALS
Total No. Reporting in Each School	778	285	216	268	164	277	76 2064
Questions:	%Total	%Total	%Total	%Total	%Total	%Total	% TOTAL
1. Do you wear glasses? If "Yes" when was your vision last checked?	19.9	31.6	31.5	32.5	33.5	36.5	32.9 28.1
2. Do you have hearing difficulty?	2.6	2.5	1.9	1.5	.6	5.1	2.6 2.5
3. Do you consider yourself overweight?	16.6	16.8	16.7	21.3	12.8	15.9	15.8 16.8
4. Do you consider yourself underweight?	25.3	17.9	18.1	15.7	6.7	17.3	18.4 19.5
5. Have you had a bone fracture within the last six months?	2.6	1.4	1.9	3.0	.6	1.4	2.6 2.1
6. Have you been a patient in hospital during the past year? If "Yes" for what reason?	8.7	4.9	6.5	5.2	2.4	2.9	7.9 6.2
7. Has anyone suffering from T.B. visited or lived with you in the past year?	1.9	2.1	1.4	.7	1.8	1.1	2.6 1.6
8. Has anyone in your home had polio in the past year?	1.8	2.8	1.9	3.0	-	1.4	2.6 1.9
9. Have you had or do you now have any of the following conditions:							
Asthma	1.3	5.6	2.3	3.4	1.2	4.0	1.3 2.6
Diabetes	.9	.4	.5	-	-	.7	- .5
Heart condition	.8	.7	.9	.7	1.8	.4	- .8
Rheumatic Fever	2.1	.4	.9	.7	2.4	1.4	- 1.4
Hernia	3.1	1.8	3.2	1.9	-	1.8	2.6 2.3
Severe headache	7.1	4.6	6.0	9.3	1.8	11.6	6.6 7.0
Skin eruptions	9.8	8.8	7.4	10.1	7.9	35.0	9.2 12.6
Bone or muscle disorders	5.0	5.6	5.6	7.1	1.8	10.8	2.6 5.9
10. Have you been examined by a private physician in the last year? Name of Doctor.	36.8	47.4	47.7	54.1	34.1	39.4	30.3 41.5
11. Have you been advised to limit your activities? In what way?	4.6	5.3	7.9	5.2	2.4	7.2	- 5.1
12. Have you been examined by a Dentist in the last year?	59.9	85.9	82.4	73.9	65.9	67.8	67.1 69.5
13. Do you wish to consult the school physician for any reason not listed here?	1.4	.4	2.3	3.4	.6	6.5	1.3 2.2



DIVISION OF CHILD MEDICAL SERVICESOculist's Report

Number of clinics held	267
Number of children examined: New	530
Re-Examined... ..	833
	1,363
1. Refractions completed	504
2. Refractions not completed	622
3. Refractions not needed	180
4. Returned for observation	28
Completed refractions	504
Not needing glasses	104
Glasses prescribed	294
No change in prescription	45
Children found with 1/3 or less of normal vision with glasses	2
Glasses discontinued	21
Out-patient consultations	1,664
Referred to Orthoptic Clinic	28

Audiometer Report

Number of children tested	4,278
First tests	3,897
Re-tests	381
Number of defects	111
Teachers and others tested	19

Division of Child Dental Services

Dental Services Rendered:

No. of extractions	2,245
No. of fillings	2,981
No. of prophylaxis	355
No. of treatments (other than above)	2,731
No. of patients entering clinics	3,285
No. of completed cases	2,735
No. of emergencies	1,429
No. of new patients entering clinic	1,298

DIVISION OF PUBLIC HEALTH NURSINGChild Health Centres

No. of Child Health Centres	11
No. of Child Health Centre sessions held	559
Total enrolment of children at child health centre	335
(consultation only)	
No. new babies admitted	2,106
Infants	1,835
Pre-school	271
Total attendance at sessions	16,589
Infants	11,179
Pre-school	5,410
No. of doctors examinations	2,586
Infants	2,133
Pre-school	453
No. of doctors' consultations with mothers	335
No. of home visits re child hygiene (birth registration, etc.)	21,834
No. of cases referred to private doctor or hospital clinic	841
No. of immunizations by doctors at Child Health Centres	7,709

ATTENDANCE AT CHILD HEALTH CENTRES

Harrow United	1,687	for	52	afternoons
St. Matthews	2,885	for	52	afternoons
St. Pauls	2,074	for	48	afternoons
Sparling	1,128	for	52	afternoons
St. Andrews	1,127	for	52	afternoons
Holy Trinity	1,489	for	50	afternoons
Grey St. United	1,139	for	51	afternoons
Children's Hospital	1,018	for	51	afternoons
Robertson House	1,951	for	49	afternoons
Stella	1,196	for	50	afternoons
St. Barnabus	895	for	52	afternoons
	<u>16,589</u>	for	<u>559</u>	afternoons

Physical Examinations of School Children

Total number of children examined by Medical examiners	8,691
Total number of children with one or more defects	3,916
Total number of defects found 8,691 children	4,451
Total number of children with defects for which treatment has been completed or provided for	504
(Many temporary defects cleared up unattended)	

D I V I S I O N O F I N S P E C T I O N SFOOD SECTIONJanuary to December - 1954

	<u>Licensed Premises</u>	<u>Inspections</u>	<u>Contacts</u>
Abattoirs.....	2	1	25
Bakeries.....		406	107
Beer parlors.....		158	42
Bottling plants.....		79	39
Candy manufacturers.....		74	46
Canteens and hotel kitchens.....		357	74
Caterers.....	19	93	34
Cereal mills.....		31	5
Fish-filleting, cold storage, etc.....		123	121
Fish and chip stands.....	2	19	4
Frozen food locker plants.....	3	13	19
Ice-cream parlors.....		36	35
Ice houses and depots.....	15	23	6
Pickle and vinegar factories.....	3	23	27
Poultry slaughterhouses.....	14	113	159
Puffed grain factories.....	1	14	--
Producers' markets, vegetable stalls.....	7	46	30
Restaurants.....	518	4,386	901
Retail food stores, grocer, butcher, etc..		3,398	513
Sausage factories.....	12	129	106
Wholesale - groceries and vegetables.....		310	79
Fires in food premises.....		34	155
Vehicles.....		153	2
Flooded cellars in food premises.....		2	--
Banquet halls.....		3	--
Lectures.....		4	--
Plans approved.....		46	24
Egg candling.....		2	--
Railway lock-ups.....		4	--
Jamieson tests.....		2	--
Special inspections.....		24	3
Miscellaneous.....		6	--
Complaints.....	302		
Notices:			
Verbal.....	3,920		
Written.....	1,231		
Samples examined:			
Food.....	1,924		
Ice.....	2		
Water.....	328		

Bacteriological testsNo. PremisesNo. Utensils

Restaurants and Beer Parlors

694

3,176

Division of Inspections,
Food Section,
January to December - 1954,
(continued)

Condemnations:

Bakery products.....	14,292 lbs.
Candy.....	9,823 "
Canned goods.....	5,437 "
Cereals.....	12,139 "
Coffee.....	4 "
Dairy products.....	744 ¹ / ₂ "
Dried fruits.....	400 "
Eggs.....	2,497 "
Fish.....	589 "
Fruits and vegetables.....	2,992 "
Ice-cream.....	7 ¹ / ₂ gal.
Jam.....	4 lbs.
Mayonnaise.....	1,607 "
Meats.....	590 "
Mincemeat.....	25 "
Miscellaneous.....	162 "
Mixed foodstuffs.....	200 "
Nuts.....	459 "
Pickles.....	46 "
Poultry.....	707 "
Rabbits.....	210 "
Sauces.....	40 "
Soft drinks.....	216 "
Spices.....	406 "
Sugar.....	325 "

D I V I S I O N O F I N S P E C T I O N S

DAIRY SECTION

January to December - 1954

		<u>Inspections</u>	<u>Contacts</u>
<u>FARM:</u>	Producers.....	2,851	294
	Producer-Distributers (1 licensed).....	43	---
	Prospective Producers.....	179	24
<u>CITY:</u>	Pasteurization Plants (9 licensed).....	121	1,508
	Ice-cream Manufacturers.....	226	
	Counter Freezers.....	33	
	Butter Plants.....	30	
	Cheese Plants.....	20	
	Vehicles-Delivery.....	86	
	City Stables.....	8	
	Milk Haulers.....	159	
	Milk Cans Inspected.....	16,816	
	Milk Inspected (lbs.).....	4,844 lbs.	
- - -		- - -	
<u>SAMPLES:</u>	Well Water Samples.....	96	
	Milk Retail Samples.....	1,411	
	Milk Special Samples.....	43	
	Milk Shippers Samples.....	32,887	
	Cream Samples.....	332	
	Ice-cream Samples.....	388	
	Bottles for Sterility.....	119	
<u>GENERAL:</u>	Special Calls.....	2,295	
	Milk Cans Condemned.....	366	
	Milk Condemned (lbs.).....	2,174	
	Complaints.....	15	
	Temperatures Taken.....	3,066	
	Mileage.....	69,704	

MEMORANDUM FOR THE RECORD

DATE: 10/10/54

TO: Mr. Tolson

FROM: Mr. Clegg

SUBJECT: [illegible]

[illegible]

[illegible]

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D I V I S I O N O F I N S P E C T I O N S

BACTERIOLOGICAL LABORATORY

January to December - 1954

<u>WATER ANALYSIS</u>	Standard Plate Count.....	2,819
	Presumptive Test.....	2,819
	Confirmed Test.....	573
	Average No. Bacteria per/ml.....	662.97
<u>MILK & CREAM</u>	Standard Plate Count.....	1,806
	Babcock Test.....	1,613
	Coliform Test.....	1,839
	Phosphatase Test.....	1,727
	Breed Count Test.....	57
	Resazurin Test.....	33,397
<u>ICE-CREAM</u>	Standard Plate Count.....	327
	Coliform Test.....	390
	Phosphatase Test.....	225
<u>MILK BOTTLES</u>	Bacterial Test.....	119
<u>DIAGNOSTIC</u>	Diphtheria Swabs.....	234
	Sputa for T.B.....	7
	Smears for G.C.....	11
	Urinalysis.....	396
	Miscellaneous.....	6
<u>TOTAL TESTS</u>		48,339

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D I V I S I O N O F I N S P E C T I O N S

SANITATION AND HOUSING SECTION

January to December 1953

	<u>Total</u> <u>Premises</u>	<u>Inspections</u>
<u>Licensed:</u>		
Bowling alleys and pool rooms.....	54	134
Dance halls.....	66	123
Dog kennels and pet shops.....	8	10
Hatcheries.....	10	23
Hotels.....	57	129
Junk yards.....	40	45
Laundries.....	31	165
Lodging houses.....	16	41
Massage parlors.....	38	47
Poultry keepers.....	17	132
Roller rinks.....	2	7
Second hand premises.....	141	263
Soap manufacturers.....	4	3
Stables - livery, sale.....	5	3
Tanneries, hide curing.....	5	5
Undertakers.....	8	9
Welfare institutions.....	44	122

Unlicensed:

Dwellings, apartments, tenements.....	4,607
Factories, workshops, offices, stores.....	1,939
Theatres, public assembly places (not dance).....	30
Public garages, filling stations.....	54
Public baths, swimming pools.....	316
Public comfort stations.....	38
Stables, unlicensed.....	22
Pit and chemical closets, septic tanks.....	115
Workmen's closets.....	3,805
Lanes, streets, yards, vacant lots.....	5,267
Noise By-law.....	53
Smoke By-law.....	204
Structural alterations.....	12
Vermin disinfestations by inspector.....	6
Carbon monoxide tests.....	1
Schools.....	4
Day Camps.....	2
Zoning By-law.....	782
Miscellaneous.....	133

THE UNIVERSITY OF CHICAGO

LIBRARY

1000

THE UNIVERSITY OF CHICAGO
LIBRARY
1000

THE UNIVERSITY OF CHICAGO
LIBRARY
1000

Division of Inspections,
Sanitation and Housing Section,
January to December 1954.
(continued).

Defects, irregularities and nuisances dealt with:

Overcrowding.....	73
Lack of cleanliness in buildings.....	573
Lighting and ventilation.....	216
Structural defects, eaves, cellars, roofs.....	468
Fly screens.....	103
Storm sashes.....	47
Lack of heat.....	842
Furnaces, chimneys.....	73
Gas installations.....	5
Water services shut off.....	29
Plumbing illegally installed.....	8
Plumbing fixtures insufficient.....	75
Plumbing defects - other.....	455
Insect infestations.....	413
Rodent infestations.....	202
Noise By-law infractions.....	35
Smoke nuisances.....	192
Zoning By-law infractions.....	588
Workmen's closets - defective.....	242
Pit closets defective.....	52
Lanes, yards, vacant lots - dirty.....	2,247
Garbage - improper storage.....	2,384
Stables insanitary.....	17
Premises unlawfully occupied.....	90
Licensed premises (infractions of regulations...)	284
Factory defects.....	618
Miscellaneous.....	199

Complaints.....	2,769
Samples - Water.....	2,237
Deliveries and Pick-ups....	3,004
Infectious Disease calls...	79

Notices:

Verbal.....	8,183
Written.....	643
Mandatory.....	632

Prosecutions.....	14
Fines.....	\$350.00

D I V I S I O N O F I N S P E C T I O N S

PUBLIC HEALTH EDUCATOR

January to December - 1954

During the year the set of color slides illustrating the handling of milk products were utilized along with motion pictures and displays on dairy subjects. Performances were given to various church, home and school and other groups.

Displays.....	2
No. persons.....	560
Motion Pictures.....	5
No. persons.....	146
Illustrated Lectures.....	27
No. persons.....	912
Total No. persons benefited....	1,618

EDUCATIONAL AND PUBLICITY PROGRAM - 1954

Films Shown by Public Health Nurses to Pre-Natal Classes

<u>Films Shown</u>	<u>Times Shown</u>	<u>Approximate Attendance</u>
Pre-Natal Care	16	180
Labor & Childbirth	15	176
Post-Natal Care	4	38
Human Reproduction	3	38
Care of the Newborn	6	72
Nine To Get Ready	6	81
Foods That Build Good Health	6	86
Child Care Development	1	14
Preface To Life	3	39
Frustrating Fours & Fascinating Fives	1	18
Food for Freddy	1	24
Walt Disney's Tb	1	12
Post Partum Care	4	53
Know Your Baby	3	36
Why Won't Tommy Eat	4	32
Safe Way to Prepare Baby's Formula	2	17
Story of Menstruation	1	13
Principles of Development	1	4
Total	<u>78</u>	<u>933</u>

Films Shown to School Children, Parents and Teachers

Why Won't Tommy Eat	6	153
Walt Disney's Tb	1	125
Pre-Natal Care	5	57
Labor & Childbirth	6	77
Learning and Growth	1	12
Heredity & Pre-Natal Development	3	37
He Acts His Age	2	28
Post-Natal Care	1	12
Your Children and You	1	12
Clocking a Champion	3	37
Frustrating Fours & Fascinating Fives	4	130
Teachers Observation of School Children	3	46
Something to Chew On	1	9
Foods That Build Good Health	1	33
Story of Menstruation	1	13
Total	<u>39</u>	<u>781</u>

Films Shown to Other Groups - Church Groups, Service Clubs, etc.

Swedish Dairy	1	20
Hashslinger to Foodhandler	3	101
Story of Standards	3	101

CITY HEALTH DEPARTMENT

Summary of Expenditures, 1954
(to nearest dollar)

(a)	Personal Services	\$253,737
(b)	Outside Services	44,648
(c)	Material, Supplies and Repairs . . .	15,846
(d)	Equipment, Additions, etc.	1,817
(e)	Fuel, Water, Light and Power	270
(f)	Other Expenses	1,079
(h)	Auto Expenses	<u>10,177</u>
	Total	<u>\$327,574</u>

Expenditures by Divisions, 1954
(to nearest dollar)

	<u>Service</u>	<u>Total</u>	<u>Personal</u>	<u>Other</u>
Cl-1	Administration & Statistics	\$22,949	\$20,371	\$2,578
Cl-2	Communicable & Other Diseases . . .	39,276	25,077	14,199
Cl-3	Inspection Services & Laboratory . .	88,667	77,190	11,477
Cl-4	Child Medical Services	28,072	5,880	22,192
Cl-5	Child Dental Services	21,914	7,597	14,317
Cl-6	Public Health Nursing	<u>126,696</u>	<u>117,622</u>	<u>9,074</u>
	Totals	<u>\$327,574</u>	<u>\$253,737</u>	<u>\$73,837</u>

Gross Cost per Capita ... \$1.34

CITY HEALTH DEPARTMENT
Assistance to Health Services under
National Health Grants

Summary of Expenditures, 1954
(to nearest dollar)

(a) Personal Services	\$44,604
(b) Outside Services	893
(c) Materials, Supplies and Repairs	1,445
(d) Equipment, Additions, etc.	1,065
(h) Auto Expenses	<u>1,949</u>
Total	<u>\$49,956</u>

Expenditures by Projects, 1954
(to nearest dollar)

	<u>Service</u>	<u>Total</u>	<u>Personal</u>	<u>Other</u>
Cl-7(3)	Inspection Services	\$36,249	\$31,972	\$4,277
Cl-7(4)	Nursing Services	<u>13,707</u>	<u>12,632</u>	<u>1,075</u>
	Totals . .	<u>\$49,956</u>	<u>\$44,604</u>	<u>\$5,352</u>

STAFF AS AT DECEMBER, 1954

Medical Health Officer M. S. Lougheed, M.D., D.P.H.
Deputy Medical Health R. G. Cadham, M.D., D.P.H.
Consultant, Child Care Services H. Medovy, M.D.

Medical Officers

D. Besant, M.D.	R. Lauer, M.D.
F. J. Coodin, M.D.	L. MacDonald, M.D.
Donna Cruikshank, M.D.	R. W. MacNeil, M.D.
A. J. DePape, M.D.	E. Portigal, M.D.
W. Grant, M.D.	A. Searle, M.D.
D. Grewar, M.D.	H. Sirkis, M.D.
Leonora Hawirko, M.D.	J. Swan, M.D.
Dorothy O. Hollenberg, M.D.	Betty Wood, M.D.
D. Kerr, M.D.	

Oculist J. McGillivray, M.D.
Assistant Physician W. Turnbull, M.D.
Dental Officer W. R. Morrison, D.D.S.
" " R. W. Scott, D.D.S.
" " E. L. White, D.D.S.
Director, Public Health Nursing Miss L. MacKenzie, R.N., M.A., P.D.
Chief Health Inspector E. J. Rigby, D.V.M.

